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Number of pages with cover page:	6	
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Comments:**PLEASE PROCESS THE ATTACHED.**

U.S. Patent Application Serial No. 10/735,212
For: PARAMETRIC OPTIMIZATION OF OPTICAL METROLOGY
By: Junwei BAO et al.
Our Reference: 50998-20058.00

Attached is the following:

1. Transmittal (1 page)
2. Information Disclosure Statement (3 pages)
3. PTO/SB/08a/b (1 page)

PTO/SB/21 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

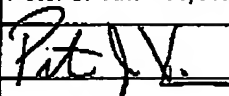
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/735,212	
	Filing Date	December 12, 2003	
	First Named Inventor	Junwei BAO	
	Art Unit	2857	
	Examiner Name	Not Yet Assigned	
Total Number of Pages In This Submission	5	Attorney Docket Number	509982005800

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form (PTO/SB/17) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. PTO/SB/08a/b (1 page) 2. Facsimile Cover Sheet (not counted as part of this submission)
Remarks: _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 20872) Peter J. Yim - 44,417
Signature	
Date	May 15, 2006

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office to facsimile number (571) 273-8300, on the date shown below.

Dated: May 15, 2006

Signature:  (Valerie Cohen)

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Signature: Valerie Cohen
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CENTRAL FAX CENTERMAY 15 2006 Patent
Docket No. 509982005800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Junwei BAO et al.

Serial No.: 10/735,212

Filing Date: December 12, 2003

For: PARAMETRIC OPTIMIZATION OF
OPTICAL METROLOGY MODEL

Examiner: Not Yet Assigned

Group Art Unit: 2857

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 & 1.98MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. The Examiner is requested to make these documents of record. Copies of the referenced documents, in compliance with the requirements of 1287 OG 163, are not included.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.

Application No.: 10/735,212

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Docket No.: 509982005800

- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.**
- ☐ **After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.**
- ☐ A fee is required. A check in the amount of ___ is enclosed.
- ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ **After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.**
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other

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Application No.: 10/735,212

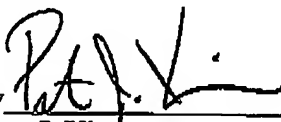
3

Docket No.: 509982005800

fees due in connection with the filing of this document to Deposit Account No. 03-1952
referencing 509982005800.

Dated: May 15, 2006

Respectfully submitted,

By 
Peter J. Yim

Registration No.: 44,417
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sf-2127834

ALTERNATIVE TO PTO/SB/08a/b (07-08)

Substitute for form 1449/PTO			Complete If Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/735,212	
			Filing Date	December 12, 2003	
			First Named Inventor	Junwei BAO	
			Art Unit	2857	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	509982005800

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-6,609,086-B1	08-19-2003	Bao et al.	
	2	US-6,785,638-B2	08-31-2004	Niu et al.	
	3	US-6,943,900-B2	09-13-2005	Niu et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number-Kind Code ² (if known)			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document		
		Country Code ³ -Number-Kind Code ² (if known)		

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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sf- 2127830